a transducer <u>comprising read and write elements</u> disposed on each of the elongated arms; and

a controller that coordinates writing of the non-chronologically ordered source program segments to the plurality of data storing regions <u>using the write elements of the transducers</u>, and coordinates reading of the non-chronologically ordered source program segments from the data storing regions as chronologically ordered local program segments <u>using the read elements of the transducers</u>.

14. (Once amended) A direct access storage device for buffering at least a sequential portion of a multimedia program defined by non-sequentially ordered source program segments each representing a unique portion of the sequential multimedia program portion, the direct access storage device comprising:

at least one data storage disk having a lower data storing region defined on a lower surface of the disk and an upper data storing region defined on an upper surface of the disk;

a spindle motor for rotating the at least one data storage disk;

a[n] <u>common</u> actuator having elongated upper and lower actuator arms;

an upper transducer disposed on the upper actuator arm and a lower transducer disposed on the lower actuator arm<u>, each of the upper and lower transducers respectively comprising a read element and a write element</u>; and

controller means for controlling the transfer of the non-sequential source program segments from the upper and lower transducers to the upper and lower data storing regions, respectively, and for controlling the transfer of the non-sequential source program segments as sequentially ordered local program segments from the upper and lower data storing regions respectively to the upper and lower transducers.

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52. (Once amended) A method for transferring non-chronologically ordered source program segments representing a chronological portion of a multimedia program to and from a direct access storage device, wherein each of the source program segments represents a unique portion of the chronological multimedia program portion, the method comprising:

providing a direct access storage device having a plurality of data storing regions defined on a surface of at least one data storage disk disposed in the direct access storage device, the direct access storage device further comprising at least one pair of read/write transducers arranged for simultaneous movement by a common actuator;

moving the common actuator to sweep the read/write transducers repeatedly between respective inner and outer diameter locations of the at least one data storage disk;

writing, while moving the common actuator, the non-chronologically ordered source program segments to at least two of the plurality of data storing regions; and

reading, while moving the common actuator, the non-chronologically ordered source program segments from the at least two of the plurality of data storing regions as chronologically ordered local program segments.